

ERDOS, P. (Budapest); SPECKER, E. (Zurich)

On a theorem in the theory of relations and a solution of a problem  
of Knaster. Col math 8 no.1:19-21 '61. (EEAI 10:5)  
(Aggregates)

ERDOS, P. (Budapest); TURAN, P., acad. (Budapest)

An extremal problem in the theory of interpolation. Acta mat Hung  
12 no.1/2:221-234 '61. (EAI 10:9)

1. Corresponding member of the Hungarian Academy of Sciences (for  
Erdos). 2. Hungarian Academy of Sciences (for Turan).

(Interpolation) (Polynomials)

ERDOS, P. (Budapest)

Problems and results on the theory of interpolation. II. Acta mat  
Hung 12 no.1/2:235-244 '61. (EEAI 10:9)

1. Corresponding member, Hungarian Academy of Sciences, Budapest.

(Interpolation)

ERDOS, P. (Budapest); RENYI, A., acad. (Budapest)

On the strength of connectedness of a random graph. Acta mag Hung  
12 no.1/2:261-267 '61. (EAI 10:9)

1. Corresponding member, Hungarian Academy of Sciences. (for Erdos).
2. Hungarian Academy of Sciences. (for Renyi).

(Topology)

ERDOS, P. (Budapest); HAJNAL, A. (Budapest)

On a property of families of sets. Acta mat Hung 12 no.1/2:87-123  
'61. (EAI 10:9)

1. Corresponding member of the Hungarian Academy of Sciences, Budapest.  
(for Erdos).

(Numbers, Theory of) (Aggregates)

ERDOS, Pal

Remarks about the theory of numbers. II. Some properties of the  
Euler's function. Mat lapok 12 no. 3/4: 161-169 '61.

HAJOS, Gyorgy; KALMAR, Laszlo; SURANYI, Janos; TURAN, Pal; FOSA, Lajos;  
DE BRUJIN, N.G. (Amsterdam, Holland); SARKADI, Karoly; FRIED,  
Ervin; WIEGANDT, Richard; ERDOS, Pal

Mathematical problems. Mat lapok 12 no.3/4:253-258 '61.

1. "Matematikai Lapok" szerkesztoje (for Hajos and Kalmar).
2. "Matematikai Lapok" felelos szerkesztoje (for Turan).

ERDOS, Pal (Budapest)

Traveling experiences; Moscow-Peking-Singapore. Magy tud 68 no.3:  
193-197 Mr '61. (EEAI 10:6)

1. A Magyar Tudományos Akademia Levelezo tagja.  
    (Moscow--Schools)   (Peking--Schools)  
    (Singapore--Description and travel)  
    (Hungarians in Russia)   (Hungarians in China)  
    (Numbers, Theory of)



ERDOS, Pal

On lecture tour in Australia. Magy tud 68 no.7/8:487-490 J1-Ag '61.

1. A Magyar Tudományos Akademia lev. tagja.

DAVENPORT, H.; ERDOS, P.

A theorem on uniform distribution. Mat kut kozl MTA 8  
A series no. 1/2:3-11 '63.

ERD'OSH, Paul [Erdős, Pal], akad.

On some geometric problems. Fiz mat spisanie BAN 5  
no.3:205-212 '62.

1. Ungarska akademiia na naukite v Budapeshta.

ERDOS, P.

On trigonometric sums with gaps. Mat kut kozl MTA 7 Ser.A  
no.1/2:37-42 '62.

ERDOS, P.

Remarks on a paper by Posa. Mat kut kozl MTA 7 Ser.A no.1/2:  
227-229 '62.

ERDŐS, P.; ROGERS, C.A. (Toronto)

Covering space with convex bodies. Acta arithmetica 7 no.3:281-285  
'62.

CZIPSZER, J.; ERDOS, P.; HAJNAL, A.

Some external problems of infinite graphs. Mat kut kozl  
MTA 7 series A no.3:441-457 '62.

ERDOS, P.

On the number of complete subgraphs contained in certain graphs.  
Mat kut kozl MTA 7 series A no.3:459-464 '62.



ERDOS, P. (Haifa)

On the representation of large integers as sums of distinct summands  
taken from a fixed set. Acta arithmetica 7 no.4:345-354 '62.

ERDOS, Pal; RENYI, Alfred

A problem in the theory of graphs. Mat kut kozl MTA 7  
Series B no.4:623-641 '62 [publ.'63]

1."A Magyar Tudomanyos Akademia Matematikai Kutato  
Intezetenek Kozlemenyei" szerkesztoje (for Renyi).

ERDÖS, P.

Some remarks on the functions  $\varphi$  and  $\alpha$ . Bul Ac Pol mat 10  
no.12:617-619 '62.

1. Mathematics Department, University College, London, England.  
Presented by W.Sierpinski.

ERDÖS, P. (Budapest)

An inequality for the maximum of trigonometric polynomials. Annales  
pol math 12 no.2:151-154 '62.

ERDOS, Pal

Remarks about the theory of numbers.III.Some additive problems  
in the theory of numbers. Mat lapok 13 no.1/2:28-38 '62.

BOLLOBAS, Bela; ERDOS, Pal ...

Problems relating to the extreme values in the theory of  
graphs. Mat lapok 13 no.1/2:143-152 '62.

ERDOS, Pal

Remarks about the theory of numbers. IV. Mat lapok 13 no.3-4:  
228-255 '62.

ERDŐS, P.; HAJNAL, A. (Budapest)

On a classification of denumerable order types and an application to the partition calculus. Fund mat 51 no.2:117-129 '62.



ERDOS, Paul; RENYI, Alfred

On two problems of the information theory. Mat kut kozl MTA  
8 A series no.1/2:229-243 '63.

1. "A Magyar Tudomanyos Akademia Matematikai Kutato Intezes-  
tenek Kozlemenyei" foszerkesztoje (for Renyi).

ERDŐS, P. (Budapest)

On some properties of Hamel bases. Col math 10 no.2:  
267-269 '63.

ERDOS, Pal

Combinatorial questions relative to the theorem of Ramsey and Van  
der Waerden. Mat lapok 14 no.1/2:29-37 '63.

DIRAC, G.; ERDOS, P., member of the Academy

On the maximal number of independent circuits in a graph.  
Acta mat Hung 14 no.1/2:79-94 '63.

1. Mathematisches Seminar der Universitat Hamburg (for Dirac).
2. Mathematical Institute, Eotvos Lorand University, Budapest;  
Editorial board member, "Acta Mathematica Academiae Scientiarum Hungaricae" (for Erdos).

CSASZAR, Akos; ERDOS, Pal; TURAN, Pal; KARTESZI, Ferenc; FRIED, Ervin;  
WIEGANDT, Richard; CSIPSZER, Janos; KALMAR, Laszlo; KONCZ, Karoly;  
MAJTHAY, Antal ; BOGDAN, Zoltan; HAJNA, Janos; HETYEI, Gabor;  
SURANYI, Janos

Mathematical problems. Mat lapok 14 no.1/2:163-169 '63.

1. "Matematikai Lapok" felelos szerkesztoje (for Turan). 2. "Mate-  
matikai Lapok" szerkeszto bizottsagi tagja (for Kalmar),

ERDOS, Pal, academcian; RENYI, Alfred, academician

Assymmetric graphs. *Acta mat Hung* 14 no.3/4:295-315 '63.

1. Mathematical Institute, Eotvos Lorand University, Budapest; Editorial board member, "Acta Mathematica Academiae Scientiarum Hungaricae."

ERDOS, P.; RENYI, Alfred

On random matrices. Mat kut kozl MTA 8 series A no. 3:455-461  
'63('64).

1. Editor-in-Chief, "A Magyar Tudományos Akademia Matematikai  
Kutató Intézetének Közleményei" (for Renyi).

ERDCS, P. (Budapest)

On two problems of S. Marcus, concerning functions with the Darboux property. Rev math Roum 9 no.9:803-804 '64.



ERDOS, P.

On the representation of directed graphs as unions of  
orderings. Mat kut kozl MTA 9 Series A no.1/2:125-132  
'64.

ERDOS, P., member of the Hungarian Academy of Sciences

On a combinatorial problem. Pt.2. Acta mat Hung 15 no.3/4:  
445-447 '64.

1. Mathematical Institute of Lorand Eotvos University, Budapest.  
Submitted January 6, 1964.

ERDOS, Peter, dr., kandidatus; MOLNAR, Ferenc, dr., kandidatus, fomunkatars

Scheme of the reproduction of the social product. Stat  
szemle 42 no.8/9:889-902 Ag-S '64.

1. Division Chief, Institute of Economics, Hungarian Academy  
of Sciences, Budapest (for Erdos). 2. Institute of Economics,  
Hungarian Academy of Sciences, Budapest (for Molnar).

ENDCS, S.

Problems of technical control. p. 45. TOBBTERMELES. Budapest. Vol. 9,  
No. 8/9, Aug./Sept. 1956

SOURCE: East European Accessions List (EEAL) Library of Congress  
Vol. 5, No. 6, June 1956

ERDOS, Sandor, Dr.

The problems of the structural development of food production.  
Elselm ipar 15 no.4:111-116 Ap '61.

1. Orszagos Tervhivatal.

ERDOS, Sandor

On an important question of developing cold metalworking. Ujit lap  
12 no.1:21 10 Ja '60.

1. Híradastechnikai Szerszámgyár igazgatója.

1ST AND 2ND EDGES		PROCESSES AND PROPERTIES INDEX		3RD AND 4TH EDGES	
<p>ERDOS, T. CA</p>		<p>The effect of potassium and magnesium on the contraction of myosin. T. Erdos, <i>Studies Inst. Med. Chem., Univ. Szeged, Hungary</i> 10(1041-1042). Contraction of myosin A and B was observed in 0.10-0.41 M KCl solns. on addn. of various amounts of MgCl<sub>2</sub> and adenosine triphosphate. Differences in behavior of myosin A and B are described. Very slight changes in the KCl concn. are sufficient in presence of adenosine triphosphate and Mg to change the physical state of myosin B threads and to contract the inactive thread or to inactivate the contracted thread or to dissolve it. Contraction is not inhibited by the complete inhibition of the phosphatase activity of myosin. Istvan Emaly</p>		<p>11A</p>	
<p>ASD-SLA METALLURGICAL LITERATURE CLASSIFICATION</p>					
<p>FROM 17700000</p>		<p>TO 17700000</p>		<p>FROM 17700000</p>	
<p>17700000</p>		<p>17700000</p>		<p>17700000</p>	

ERDOS.T. 1F

ca-

Rigor, contracture, and adenosinetriphosphoric acid.  
T. Erdos. *Studies Inst. Med. Chem., Univ. Szeged.*  
*Hung.* 9, 51-6 (1943).—Expts. were made to det. whether  
adenosinetriphosphoric acid (ATP) in muscle has any in-  
fluence on the physical state of actomyosin, especially,  
whether the relaxed state of muscle depends on its pre-  
sence. Hardness was detd. by the method of Mangold  
(C.A. 17, 1056). In rigor mortis there is close parallelism  
between hardness of muscle and ATP concn. With rigor  
increasing, this disappears and at the max. of rigor there  
is no ATP present. Simultaneously, myosin becomes  
more and more insol. The soly. can be restored by adding  
ATP. With relaxation of rigor, myosin becomes sol.  
again and goes in soln. even without addn. of ATP. In  
this case, however, not myosin but actomyosin is dissolv-  
ing. The relaxation of rigor mortis seems to be caused by  
disorganization. In other forms of rigor caused by in-  
jections of iodoacetic acid, or caffeine, in chloroform con-  
tracture, and in contracture by elec. stimulations there was  
less close parallelism between contracture and ATP concn. /  
István Fényi

ASP-35A METALLURGICAL LITERATURE CLASSIFICATION

SECONDARY INDEX

WALLSTONE

CLASSIFICATION



ERDOS, T.  
ca

1P

The relation of the activity and contraction of actomyosin threads. T. Erdos, *Studies Inst. Med. Chem. Univ. Szeged, Hung.* 3, 67-8 (1963). -Two series of expts. were made: first, the contraction of threads made of actomyosin of 10, 20, 30, 40, and 50% activity, and the contraction of those from actomyosin of 50, 100, and 150% activity were detd. The length was measured in a 0.02 M  $K_2SO_4$  soln. at pH 6.7, contg. 0.001 M  $MgCl_2$  to which 0.10 mg. adenosinetriphosphoric acid was added after the thread was soaked by the salt soln. Up to 40% activity, the contractility increased parallel to the activity. Above 40% the contractility was const. Max. contraction occurred in 40% active myosin contg. 8.5% of actin. István Fialv

ASS-SLA METALLURGICAL LITERATURE CLASSIFICATION

ERDOS, T.

Electrophoresis of sperm. Acta physiol. hung. 3 no.3-4:525-536 1952.  
(CJML 24:5)

1. Of the Microscopy Medical Chemistry Institute of Budapest University  
and of the Institute of Biochemistry of Debrecen University (Head--Prof.  
B. Tanko, M.D.).

ERDOS, T.

Guba, F.; Erdos, T.

"Electron-Microscopic Investigations of Ram Spermatozon." p. 59. (Acta Physiologica.  
Supplement to v. 4, 1953, Budapest)

SO: Monthly List of East European Accessions. Vol 3 No 6 Library of Congress, Jun 54, Uncl.

ERDOS, T.

Hungarian studies of Chalcid flies. In Latin. P. 285. Vol. 6, 1955  
MAGYAR NEMZETI MUZEUM TERMESZETTUDOMANYI MUSEUM EVKONYVE. ANNALES HISTORICO-  
NATURALES MUSEI NATIONALIS HUNGARICI. Budapest, Hungary.

Source: East European Accession List. Library of Congress  
Vol. 5, No. 8, August 1956

ERDOS, T.

✓ 3413. Effect of ions on the charge of myosin and of some other proteins. T. Erdős *Acta physiol. Acad. Sci. hung.* 1955, 7, 1-11. The isoelectric point of myosin depends whether it is dissolved in  $\text{CaCl}_2$  or  $\text{KCl}$ . It is pH 9.5 in the former, 5.4 in the latter. The

charge of myosin in mixtures of  $\text{CaCl}_2$  and  $\text{KCl}$  depends on the relative proportions of the 2 salts. At equal ionic strength the net charge is 0. Also anions influence charge and precipitability of myosin, e.g.  $\text{MgSO}_4$  gives to myosin an opposite charge to  $\text{MgCl}_2$ . myosin has 2 pptn. zones in  $\text{MgSO}_4$ . In  $\text{CaCl}_2$  at pH 8.2 L-meromyosin has a positive, H-meromyosin and protomyosin negative charges.  $\text{CaCl}_2$  and  $\text{MgCl}_2$  also shift the isoelectric point of actin presumably to pH 7-8. Crystallised Ca-trypsin has a positive charge at pH 8.2 both in  $\text{KCl}$  and in  $\text{CaCl}_2$ , a non-crystalline commercial trypsin had a negative charge. (Hungarian)

A. B. L. BEZÁK

ERDCS, T.; TOMCSANYI, A.

The stages of induced benzoic acid oxidase formation. Acta physiol. hung. 12 no.4:311-320 1957.

1. Department of Biochemistry, Koranyi National Tuberculosis Institute, Budapest.

(OXIDASES

benzoic acid oxidase, stages of substrate-induced form, in *Mycobacterium frieburgensis*.)

(MYCOBACTERIUM, metab.

frieburgensis, stages of substrate-induced form. of benzoic acid oxidase.)

*Erdős, T.*  
EXCERPTA MEDICA Sec 2 Vol 12/3 Physiology Mar 59

1083. DEMONSTRATION OF BENZOIC ACID OXIDASE BY ASSAYING THE CATECHOL FORMED - Erdős T., Tomcsányi A. and Czank P. Korányi Nat. Tuberc. Inst., Budapest - ACTA PHYSIOL. ACAD. SCI. HUNG. 1958, 14/3 (207-211) Graphs 2

A method for detecting the presence of 0.1  $\mu$ g. of pyrocatechol has been developed. The procedure is based on the well-known fact that in the presence of a catalytic quantity of pyrocatechol, polyphenol oxidase oxidizes benzidine to a compound of purple colour. The method has been used successfully for the demonstration of pyrocatechol formed in the course of the enzymatic oxidation of benzoic acid, i. e. for the demonstration of inductive benzoic acid oxidase activity.

ERDOS, T.; TOMCSANYI, A.

Inductive benzoic acid oxidase and catechol oxidase. Acta physiol. hung.  
14 no.3:201-206 1958.

1..Koranyi National Tuberculosis Institute, Budapest.

(OXIDASE

benzoic acid oxidase & tyrosinase in Mycobacterium frie-  
burgiensis, inductive biosynthesis)

(MYCOBACTERIUM, metab.

frieburgiensis, inductive biosynthesis of benzoic acid  
oxidase & tyrosinase)



TOMCSANYI, A.; MEDVEGZKY, E.; ERDOS, T.

Effect of benzaldehyde derivatives on benzoic acid oxidase. Acta physiol. hung. 14 no.3:213-222 1958.

1. Koranyi National Tuberculosis Institute, Budapest.

(BENZOATES

benzaldehyde & its deriv., eff. on benzoic acid oxidase  
activity in Mycobacterium frieburgensis)

(OXIDASES

benzoic acid oxidase in Mycobacterium frieburgensis, eff.  
of benzaldehyde & its deriv. on activity)

(MYCOBACTERIUM, metab.

frieburgensis, eff. of benzaldehyde & its deriv. on benzoic  
acid oxidase activity)

EXCERPTA MEDICA Sec 4 Vol 13/6 Med. Micro. June 60

2057. A NEW METHOD FOR THE DISTINCTION OF SAPROPHYTIC AND OTHER MYCOBACTERIA - Új biológiai módszer a szaprofita Mycobactériumoknak más Mycobactériumoktól való elkülönítésére - Erdős T., Czanik P. and Tomcsányi A. Országos Korányi Tb Intézet, Bioték. és Diagn. Osztályainak Közleménye, Országos - TUBERKULÓZIS (Budapest) 1959, 12/4 (82-84) Tables 1

By means of a sensitive biological test devised for the demonstration of enzymatic oxidation of benzoic acid, the authors found that 10 saprophytic strains induced the oxidation of benzoic acid within 60 min., Myc. phlei at 90 min., whereas BCG, Vole and 6 parasitic strains displayed no such effect within 4 hr.

ERDOS, T.; ULLMAN, Agness; TOMCSANYI, A.; DEMETER, Magda.

On the mechanism of streptomycin action. Acta physiol. hung. 17  
no. 3: 229-239 '60.

1. Koranyi National Tuberculosis Institute and Institute of  
Medical Chemistry. Medical University, Budapest  
(STREPTOMYCIN pharmacol)

ERDOS Z.  
(1057)

1st Dept. of Ped. and 2nd Dept. of Path., Budapest Univ. Contributions to the clinical and pathological picture of chronic tuberculous spinal meningitis  
Gyermekgyógyászat 1952, 3/9 (275-284) Illus. 5

Four fatal cases are reported. It was found that a period when the CSF protein still showed no shift, the index of streptomycin diffusion, i.e. the difference between the streptomycin content of cisternal and lumbar fluid, was already increased. At this stage intrathecal and intracisternal streptomycin may be of benefit. Serial air insufflations may have had some effect after partial block had developed. A certain correlation exists between the protein content of the lumbar CSF, the thickness of the exudate and the clinical course.

Veghelyi - Budapest (XX, 8, 7, 15)

SO: EXCERPTA MEDICA Volume 6, Number 3, Section VIII March 1953

ERDOS Z. and JENEY I.

3501. ERDOS Z. and JENEY I. 1. Dept. of Ped., Budapest Univ. med. Sch. \* Simultaneous occurrence of tb meningitis and miliary tb in BCG-vaccinated infants. (Hungarian test) GYERMEKGYOGYASZAT (Budapest) 1953, 4/2 (41-47) Tables 6

Of 46 infants who had suffered from simultaneous tb meningitis and miliary tb, 2 survived. One of them had been vaccinated with BCG before contracting tb after wheeping cough. The infant recovered in a relatively short time (6 months). It is supposed that the vaccination exerted a favourable influence on the course of the disease. The other infant contracted the infection in the parallergetic state following BCG vaccination. It seems that vaccination with BCG had a beneficial influence in this case also.  
Véghelyi - Budapest (VII,8,15 )

SO: Excerpta Medica, Section VIII, Vol 7, No 9

ERDOS, Z.; ROSTA, J.

Therapy of infantile tuberculosis with nicotinic acid hydrazide. *Gyermekegy-  
ogyaszat* 4 no.3:91-94 Mar 1953. (CML 24:4)

1. Doctors. 2. First Pediatric Clinic (Director -- Academician Prof. Dr.  
Pal Gegesi Kiss), Budapest Medical University.

EXCERPTA MEDICA Sec.15 Vol.10/4 Chest Diseases Apr57

1042. ERDÖS Z.<sup>OLT</sup> and SOMLO M. Orvostud. Egyetem I. sz. Gyermekklin., Budapest.  
\*ACTH a gyermekkori meningitis tbc. kezelésében. ACTH in the treatment of tuberculous meningitis in children GYERMEKGYÓGYÁSZAT 1956, 7/4 (113-115) Graphs 1

Apart from the usual antibiotic treatment, ACTH was used in the treatment of 5 children in whom no improvement was achieved by antibiotics alone. Most had been under antibiotic treatment for several months before 7 - 14 day courses of i.m. ACTH (20-50 mg. daily) were given. In 3 extremely advanced cases notable clinical and CSF improvement occurred, without major toxic effects.

Lorber - Sheffield (XX, 7, 8, 15)

ERDOS, Zoltan, Dr.; PREM, Geza, Dr.; RACZ, Pal, Dr.

Pulmonary carcinomas in children. Gyermekgyógyászat 8 no.9-10:315-318  
Sept-Oct 57.

1. A Budapesti Orvostudományi Egyetem I. sz. Gyermekklinikájának  
(Igazgató: Gegesi Kiss Pal dr. akadémikus, egyetemi tanár) és II.  
sz. Korbonotani Intézetének (Igazgató: Haranuy László Dr. MTA. I.  
tagja, e egyetemi tanár\* közleménye.  
(LUNG NEOPLASMS, in inf. & child  
case report (Hun))



~~ERDOS, Zoltan; JELLINEK, Harry~~

Clinical and pathological observations in tuberculosis of BCG  
innoculated children. Orv. hetil. 98 no.45:1235-1237 10 Nov 57.

1. A Budapesti Orvostudományi Egyetem I. sz. Gyermekklinika-jának  
(igazgató: Gegesi Kiss Pál dr. egyet. tanár, akadémikus) és II. sz.  
Korbonctani Intézetének (igazgató: Haranghy László dr. egyet. tanár, MTA  
1. tagja) közleménye.

(TUBERCULOSIS, PULMONARY, in inf. & child.  
clin. & pathol. observations on BCG inoculated  
child. (Hun))

ERDOS, Z.

EXCERPTA MEDICA Sec 15 Vol 11/11 Chest Dis. Nov 58

2542. THE ELECTROPHORETIC PATTERN OF SERUM PROTEINS IN TUBERCULOUS MENINGITIS IN CHILDREN - Meningitis tuberculosában szenvedő gyermekek vérférfjének elektroforetikus vizsgálata - Erdős Z.,

- Bencze B. and Ugrai M. Budapesti Orvostud. Egyet. I. sz. Gyermekklin. Közl., Budapest - ORV. HETIL. 1957, 98/50-51 (1377-1379) Graphs 2 Tables 2

Serial examinations (176 in all) of serum proteins in 13 children during the treatment of tuberculous meningitis showed a constant pattern. At first the albumin was low or normal and the  $\gamma$ -globulin high; in the 2nd phase, during which the CSF proteins became normal, the serum albumin gradually rose and the  $\gamma$ -globulin fell. In the 3rd phase of recovery the albumin value rose further and the  $\gamma$ -globulin rose again. Some 5 yr. after recovery the albumin/globulin ratio was persistently elevated in 8 cases.

Lorber - Sheffield (1, 7, 8, 15)

ERDOS, Zoltan, dr.; PREM, Geza, dr.; GORACZ, Gyula, dr.

Data recurrence of a case of traumatic tuberculous meningitis  
cured 5 years previously. Gyermekgyógyászat 10 no.12:379-382  
D '59.

1. A Budapesti Orvostudományi Egyetem I. sz. Gyermekklinikájának  
(Igazgató: Dr. Gegesi Kiss Pál akadémikus, egyetemi tanár) és a  
Budapesti I. sz. Kórház Intézetének (Igazgató: Dr. Haranghy  
László MTA lev. tagja, egyetemi tanár) közleménye.  
(TUBERCULOSIS MENINGEAL in inf & child)

ERDOS, Z.; GEMFERTH, K.

The clinical course of acute military tuberculosis in children vaccinated with BCG. Acta med. hun. 15 no.1:117-128 '60.

1. 1st Department of Paediatrics, University Medical School, Budapest.  
(BCG VACCINATION)  
(TUBERCULOSIS MILIARY in inf. & child)

ERDOS, Zoltan, dr.; LIEBERMANN, Lucy

On personality changes after tuberculous meningitis. Gyermekgyógyászat  
12 no.12:353-356 D '61.

1. A Budapesti Orvostudományi Egyetem I.sz. Gyermekklinika-jának közle-  
menye. Igazgató: Gegesi Kiss Pál dr., akadémikus, egyetemi tanár.

(TUBERCULOSIS MENINGEAL psychol)

## APPENDIX

ERŐS, G. G.; CSERHÁTI, R., Dr; RITTER, I., Dr; Medical University, I. Pediatric Clinic (Orvostudományi Egyetem, I. Gyermekklinika), Budapest.

"Prognosis of the Wilms Tumor."

Sedemost, Onyosi Hatilap, Vol 104, No 2, 15 Jan 62, pp 62-66.

Abstract: [Authors' Hungarian summary modified.] Twenty cases of Wilms tumor, over a period of 10 years, are reviewed. In 17 cases, the age of patients was below four years. In most cases, the abdominal tumor called attention to the disease. Pyelography proved to be the most useful diagnostic tool. Radical surgery and post-operative irradiation is advocated. Success should not be concluded before survival for two years. Of 20 patients, only six are alive and of these three show metastasis. The authors' experience contradicts favorable prognoses of the disease, reported by others. Of 15 references, 3 are Hungarian, the rest western.

1/1

ERDOS, Z.

La meningite tuberculeuse des enfants vaccinees par le B.C.G.  
Acta paediat. acad. sci. Hung. 4 no.2:133-140 '63.

1. 1<sup>ere</sup> Clinique de Pediatrie de l'Universite Medicale de  
Budapest.

(TUBERCULOSIS IN CHILDHOOD)  
(TUBERCULOSIS, MENINGEAL)  
(BCG VACCINATION) (STATISTICS)

ERDOS, Zoltan, dr.

Meningeal tuberculosis in children vaccinated with BCG vaccine.  
Gyermekgyógyászat 14 no, 3:75-80 Mr '63.

1. Budapesti Orvostudományi Egyetem I. sz. Gyermekklinika (Igazgató:  
Gegesi Kiss Pál dr., akadémikus, egyetemi tanár) közleménye.  
(BCG VACCINATION) (TUBERCULOSIS, MENINGEAL) (WHOOPING COUGH)  
(MEASLES) (BRAIN INJURY, ACUTE) (BURNS)



SULYOK, Sarolta, dr.; ORIOVICS, Jozsef, dr.; ERDOSI, Ferenc, dr.;  
CZCIZEL, Endre, dr.

Our experiences with the immunological pregnancy test. Orv.  
hetil. 104 no.51:2428-2429 22 D '63.

1. Orszagos Kozegeszegugyi Intezet, Korelettani Osztaly es  
Orvostovabbkepzo Intezet, I Szuleszet-Nogyogyaszati Tanszek.  
(PREGNANCY TESTS)  
(HEMAGGLUTINATION INHIBITION TESTS)  
(URINE) (GONADOTROPINS, CHORIONIC)

1 30109-66 FCC  
ACC NR: AP6020628 SOURCE CODE: HU/0033/66/000/001/0041/0046 39  
AUTHOR: Erdosi, Ferenc (Assistant professor)  
ORG: University for the Training of High-School Teachers, Pecs (Tanarkupso Foiskola)  
TITLE: Characteristics of the microclimate over barren-rock heaps in the Pecs mine area  
SOURCE: Idojaras, no. 1, 1966, 41-46  
TOPIC TAGS: atmospheric temperature, atmospheric humidity, wind, atmospheric turbulence, climatic condition, atmospheric front, microclimatology  
ABSTRACT: The microclimate over the barren-rock heaps was characterized by temperature, humidity, and wind data. These were determined periodically for the past ten years. The effect of spontaneous ignition and fires exerted a significant influence in that these provided non-uniform temperature conditions resulting in turbulence of air. The heaps are located in a valley and interfere with the flow of climatic fronts over the area. The geographic and meteorological data established in this study were presented and discussed. Orig. art. has: 3 figures and 2 tables. [JPRS]  
SUB CODE: 04 / SUBM DATE: none  
Card 1/1 ULR

ERDOSI, Istvan

local air conditioners. Egiletgopaszet 13 no.5:181-184. 0 '64.

ERDOSI, N.

Determination of temperature distribution in the cooled parts of gas turbines. p.750

ENERGIA ES ATOMTECHNIKA. (Energiagazdalkodasi Tudomanyos Egyesulet)  
Budapest, Hungary  
Vol. 11, no.11/12, Nov./Dec. 1958

Monthly List of East European Accessions (EEAI) LC., Vol. 8, no.7, July 1959  
Uncl.

ERDOSI, Nandor

Rapid starting of steam turbines. Energia es atom 14 no.10:423-430  
0 '61.

1. Hotechnikai Kutato Intezet.

(Steam turbines)

ERDOSI, Nandor, okl. gépészmernok

Radial variation of characteristics of axial turbomachines; shovel with distorted shape. Energia es atom 14 no.11:486-498 N '61.

1. Budapesti Muszaki Egyetem, Gaszturbinak Tanszeke.

ERDOSI, Mandor, okl. gepeszmernok

Increasing the competitiveness of gas turbines. Energia es atom  
15 no. 2: 70-74 F '62.

1. Hitechnikai Kutato Intezet

H/008/62/000/006/001/003  
D286/D308

AUTHORS: Irdösi, Nándor, and Mayer, Mátyás

TITLE: Tensometry and its application to heat engines

PERIODICAL: Energia és atomtechnika, no. 6, 1962, 244 - 250

TEXT: Investigation of operating conditions and modernization of machines requires an accurate measurement of deformations and stresses in components due to internal forces, and due to changes in temperature. In the first part the electric strain gauge is considered in conjunction with a Wheatstone bridge. After discussing the general theory of the strain gauge, the effect of size and nominal resistance and the use of a high frequency bridge instead of a d.c. one is considered. The calibration is described and the two support beam method is suggested as the most suitable. The characteristics including directional properties are analyzed. The effect of temperature changes and methods of compensation are described. The second part deals with the applications of the strain gauge. One major research topic of 'Höki' is to investigate the economy and operational safety of the principal parts of the heat engine (boiler, main steam  
Card 1/2



Tensometry and its application ...

H/008/62/000/006/001/003  
D286/D308

line, steam turbine) under dynamic conditions. These investigations have shown that the starting of the principal parts is safer and can be more economical than suggested by the manufacturers. Theoretical formulas for the maximum thermal stress in thick cylinders are given and the method of using the strain gauge for practical measurements is discussed in detail. The measurements were performed using strain gauges of American origin, marketed by Hottinger, West Germany. The initial measurements suggest that they are of great value, and are to be continued. So far only BBC turbine factory, Mannheim, conducted similar experiments. The initial results agree with those of BBC. There are 12 figures.

ASSOCIATION: Hőtechnikai kutató intézet (Research Laboratory for Heat Technology)

Card 2/2

ERDOSI, Nandor, okleveles gepeszmernok

Thermal shock. Energia es atom 15 no.10/11:445-451 O-N '62.

1. Hotechnikai Kutato Intezet.

Erdősy, Gy.

✓ 54. Designing pole-changing centrifuge motors — Gy. Erdősy. (*Elektrotechnika* — Vol. 48, 1955, No. 6, pp. 220—227, 13 figs.)

EE

In the course of the acceleration and electric braking of rotating masses heat in proportion to the flywheel moment of the system is generated in the rotor circuit of asynchronous motors. With high-inertia drives requiring only a low moment at working speed this condition impedes the use of series-manufactured squirrel-cage motors since it involves overdimensioning with, e.g., sugar centrifuges. The investigation of energy transformation caused by the variations in speed in the rotors of asynchronous motors lead to the realization that by using motors with greater numbers of poles the losses can be considerably lowered and reduced to a minimum if the  $m$  different synchronous speeds of the motor are selected in the ratio of 1:3:5:...:2  $m-1$ . Based on the formula and viewpoints furnished in the paper the principal data of the iron body and the windings can be calculated. The substantial saving in energy which can be attained by the use of multispeed motors is verified by an example.

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New German water storage power plants. Elektrotechnika 53  
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ERDOSY, Gyorgy

"Arcing short-circuit experiments on open, high-voltage cells"  
by A.Mayer. Reviewed by Gyorgy Erdosy. Elektrotechnika 53  
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"Selection of the protection of medium-voltage distribution networks" by O. Possner. Reviewed by Gyorgy Erdosy.  
Elektrotechnika 53 no.11:515-517 '60.

ERDOSY, Gyorgy

"Application of powder magnetic clutch in motor vehicles." Reviewed by Gyorgy Erdosy. Elektrotechnika 54 no.4:185 Ap '61.

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"The world's largest power plant with a gas turbine" by Schmiedt.  
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